



Samsung Galaxy Note Motherboard Replacement

Replace the motherboard in your Samsung Galaxy Note.

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INTRODUCTION

Use this guide to remove or replace your motherboard.



TOOLS:

- [iFixit Opening Tools](#) (1)
 - [Spudger](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
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Step 1 — Stylus



- Grasp the cap of the stylus and remove it from its slot in the midframe.

Step 2 — Rear Case



- Pry with a plastic opening tool, or your fingernail, in the divot to the right of the rear-facing camera, near the volume rocker.

Step 3



- Lift and remove the rear case from the phone.

Step 4 — Battery



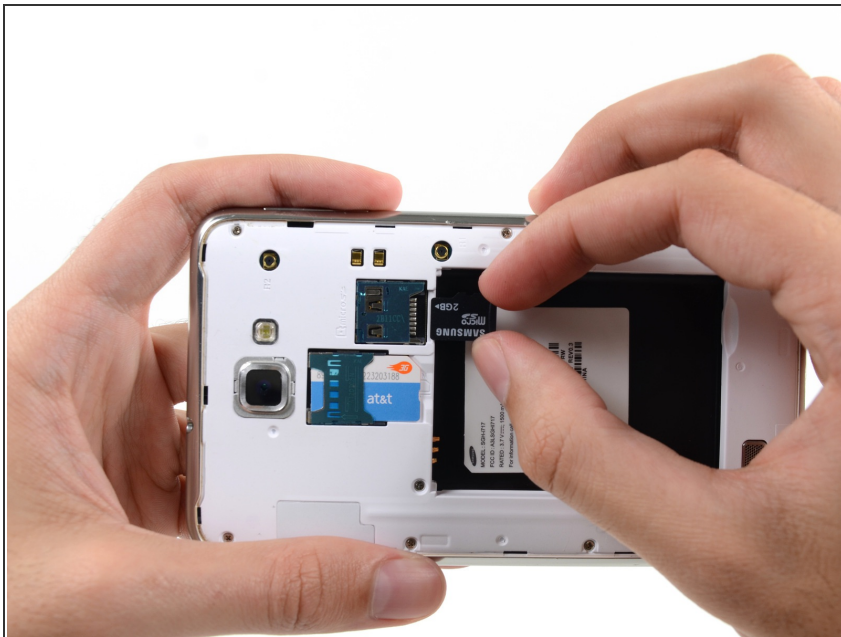
- Insert your finger in the notch of the battery compartment.
- Press the battery toward the rear facing camera while pulling outward.

Step 5 — MicroSD Card



- Use the flat end of a spudger, or your fingernail, to press the microSD card slightly deeper into its slot until you hear a click.
 - After the click, release the card and it will pop out of its slot.
- ✦ For reassembly, push the microSD card into the slot until it clicks in place.

Step 6



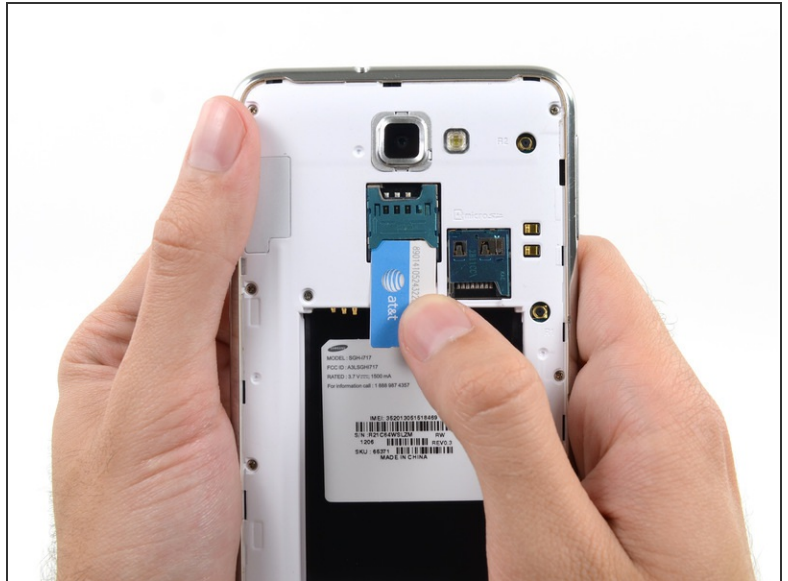
- Remove the microSD card from its slot in the midframe.

Step 7 — SIM Card



- Use a plastic opening tool, or your fingernail, to push the SIM card out of its compartment.

Step 8



- Slide the SIM card out the rest of the way with your thumb and remove it from the device.

Step 9 — Midframe



- Remove the nine 3.4 mm Phillips #00 screws securing the midframe to the display assembly.

Step 10



- Insert your plastic opening tool to the left of the power button between the midframe and the front panel assembly and pry.

Step 11



- Slide the plastic opening tool down the seam.

Step 12



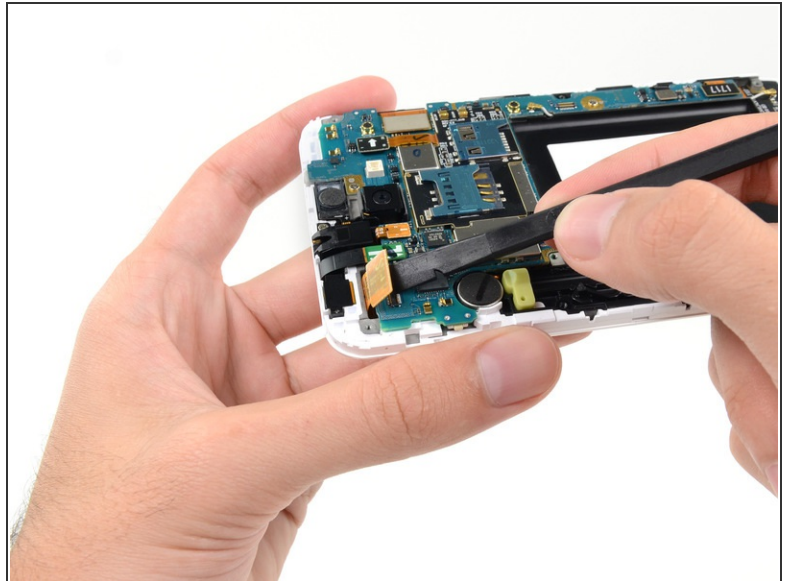
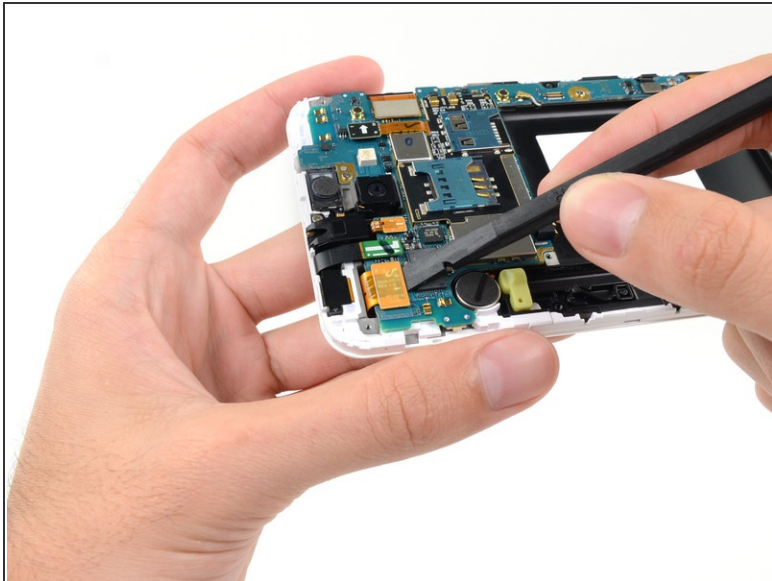
- Insert your plastic opening tool to the left of the headphone jack between the midframe and the display assembly.
- Slide the opening tool along the top edge of the phone.
- Continue to run the plastic opening tool around the perimeter of the phone until the midframe is separated.

Step 13



- Remove the midframe from the display assembly.

Step 14 — Motherboard Assembly



- Use the flat end of a spudger to carefully disconnect the display cable connector.

Step 15



- Use a spudger to disconnect the front-facing camera assembly cable connector.
- Disconnect the headphone jack/earpiece speaker assembly cable connector.
- Disconnect the digitizer cable connector.

Step 16



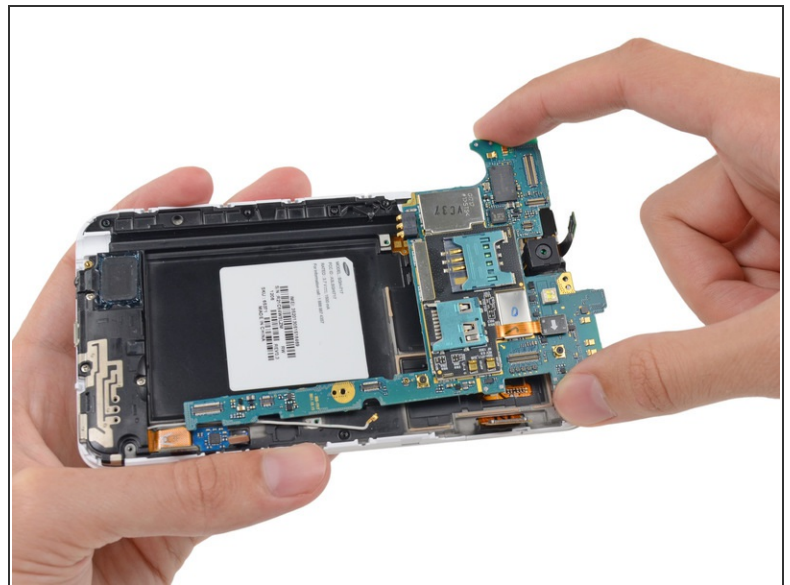
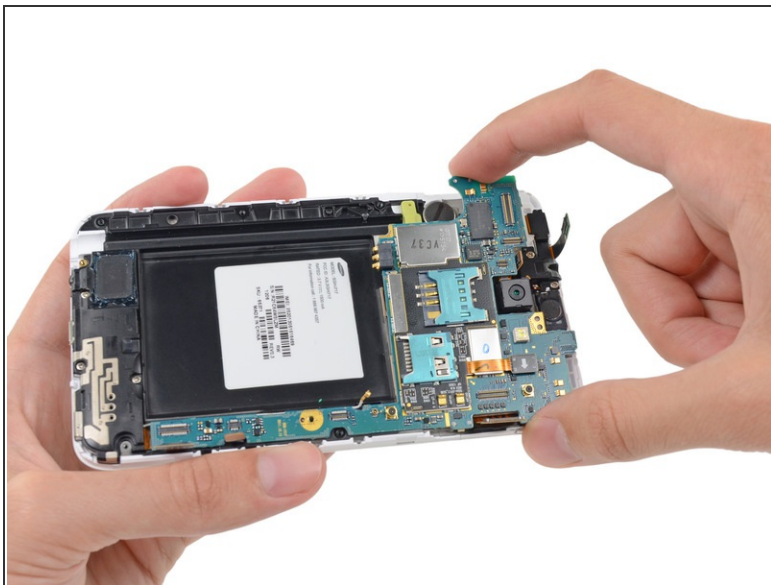
- Disconnect the soft button cable connector with the flat end of a spudger.
- Use a spudger to disconnect the USB board cable connector.
- Disconnect the antenna cable connector.

Step 17



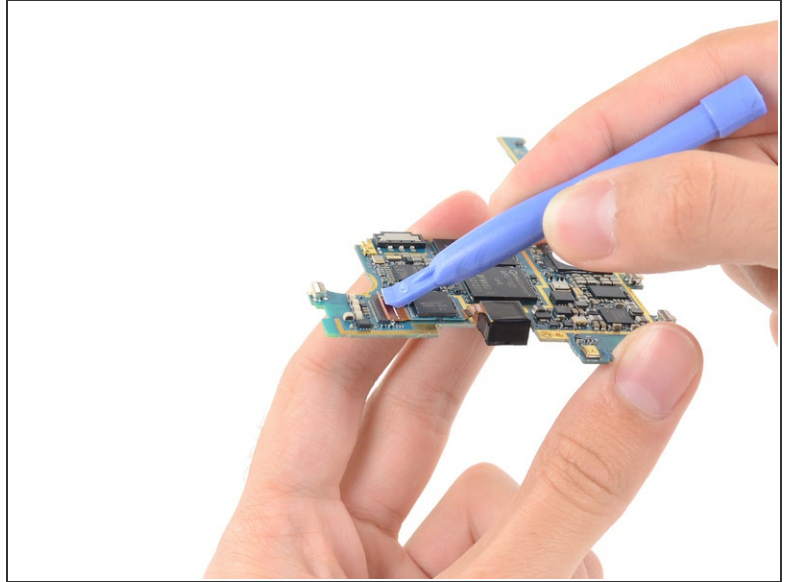
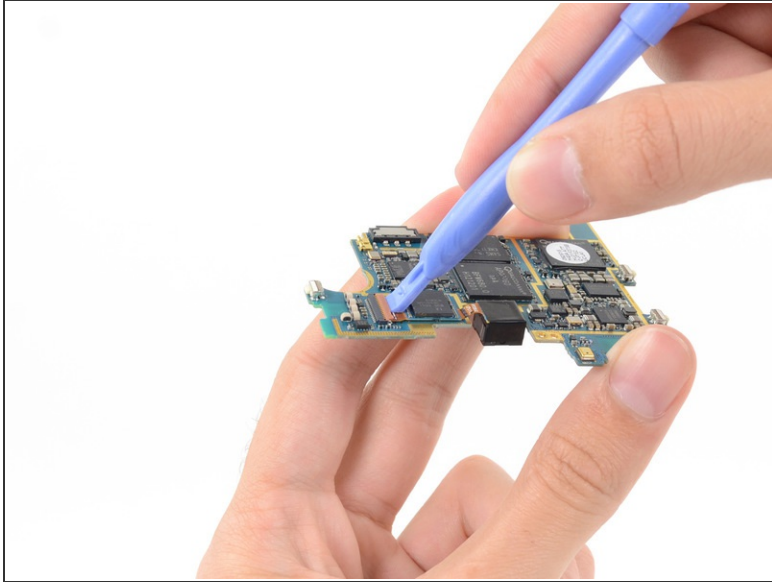
- Remove the two 3.4 mm Phillips #00 screws securing the motherboard to the display assembly.

Step 18



- Remove the motherboard assembly from the display assembly.

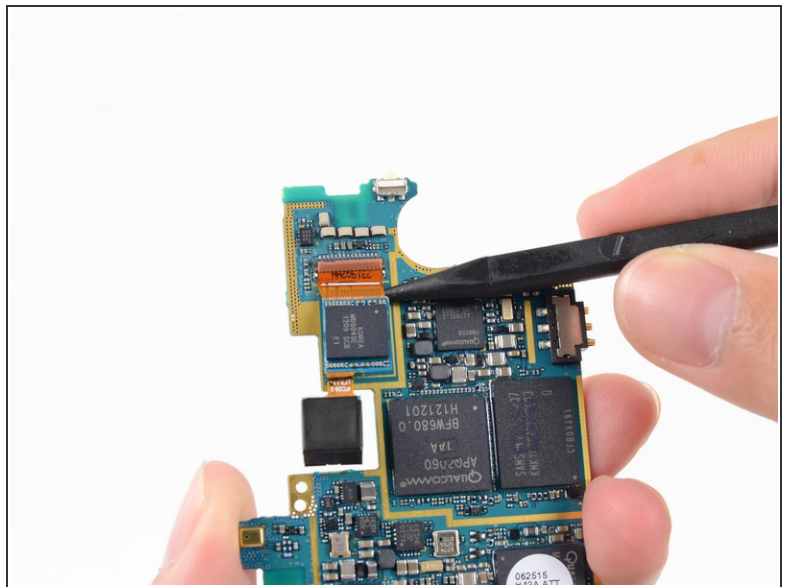
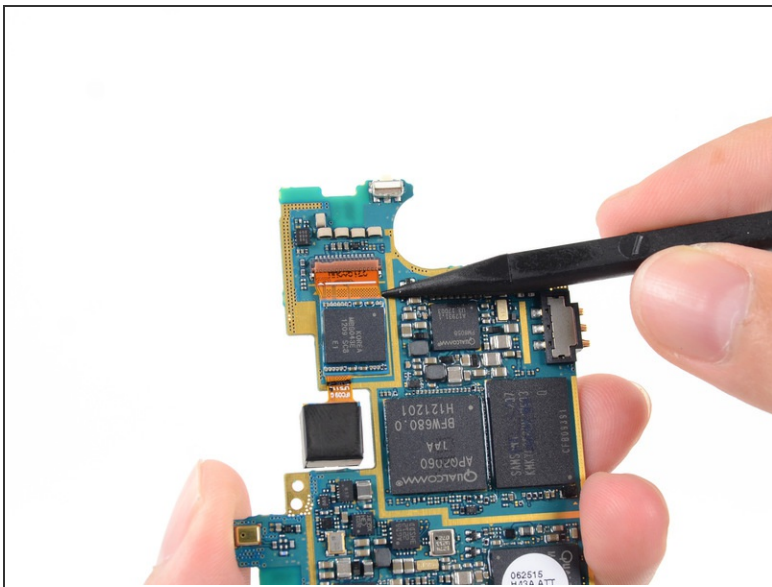
Step 19 — Rear Facing Camera



- Use a plastic opening tool to flip the release tab on the rear-facing camera cable ZIF connector.

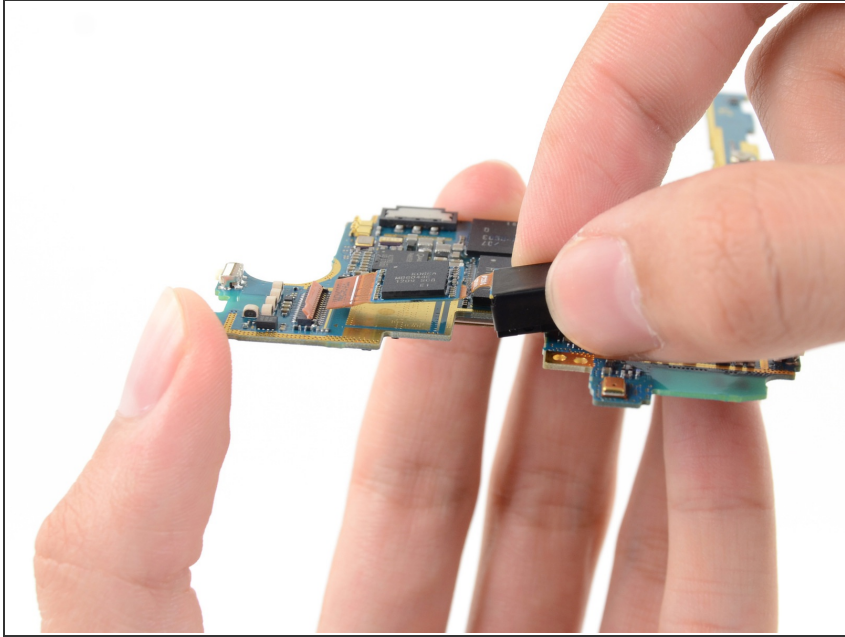
⚠ Only pry on the tab, not the connector itself.

Step 20



- Slide the tip of a spudger under the rear-facing camera cable to slide it out of the ZIF connector and free it from the light adhesive.

Step 21



- Remove the rear-facing camera.

To reassemble your device, follow these instructions in reverse order.

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